

B. APPLICANT'S COMMENTS

Claims 1-7, 9-14, 16-29 are pending in this Application with Claims 1, 11, 21 being amended and Claims 3, 7, 12, 15, 23 and 27 being canceled. No new matter is added by way of these amendments, and the amendments are supported throughout the Specification and the drawings. Reconsideration of Claims 1-7, 9-14, 16-29 is respectfully requested.

The Office Action cites Tennant et al. (U.S. Patent No. 6,060,966) in rejecting the Applicant's claims. The Office Action states that Tennant teaches "a dry chamber (12-14)". The Applicant respectfully disagrees. The "cavity (14)" in Tennant is designed to be a wet chamber and not a dry chamber (Column 1, lines 33-35, 51-56; Column 2, Lines 58-67).

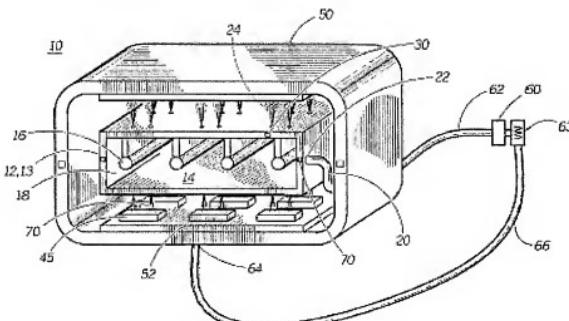


Figure 1 of U.S. Patent No. 6,060,966 (Tennant)

In addition, Tennant states the following in Column 3, Lines 34-37:

During normal operation of the apparatus described herein, referring collectively to FIGS. 1 and 2, a constant volume of cooling fluid 18 is maintained within RF cavity filter 12. A fluid pump 60, which is connected via tube 62 to fluid supply tube 20, supplies fluid 18 to filter 12. Fluid 18 is removed from filter 12 via a plurality of fluid outlet orifices 24 having nozzles associated therewith. In operation, for example, fluid 18 may be supplied to receptacle end 32 of one or more nozzle housings 30 which are fitted with fluid management devices 40. The devices 40, in conjunction with spray end 34, may atomize fluid 18 and discharge the atomized fluid 70 through aperture 36 onto one or more

electronic components 45. Perfluoroisobutylene (PFIB) is a potential byproduct of thermal decomposition of perfluorinated carbon liquids such as Fluorinert.TM.. The use of a scavenger material, such as basic activated alumina, in filter 12 may neutralize the PFIB.

The cavity (14) within Tennant is designed to hold a constant volume of cooling fluid which is then dispensed through outlet orifices (24) onto various electronic components (45). In addition, there is no separation between the cavity (14) and the space outside of the cavity (14) because the outlet orifices fluidly connect the cavity (14) with the space outside of it. Hence, attempting to use the cavity (14) as a “dry chamber” inherently will fail since the outlet orifices would allow liquid coolant into the cavity.

The Office Action further states that Tennant teaches “a dry access door removably attached about said dry chamber.” The Applicant respectfully disagrees. There is no disclosure in Tennant (figures or specification) that supports the idea that there is a door removably attached to the cavity. The Applicant respectfully requests identification of the “dry access door” if the Examiner continues the present rejection of the claims.

Finally, even assuming that (1) the cavity (14) is a “dry chamber” and (2) a “dry access door” is removably attached about the dry chamber, the Applicant respectfully submits that any such dry chamber is not abutting a sidewall of the chassis. This is a significant feature of the present invention since to provide access to the dry chamber without disturbing the wet chamber, the dry chamber must be positioned next to the sidewall of the chassis.

The Applicant respectfully submits that Tennant does not qualify as prior art under 35 U.S.C. § 102(b) or 35 U.S.C. § 103(a)

C. CONCLUSION

In light of the foregoing amendments and remarks, early reconsideration and allowance of this application are most courteously solicited. Should the Examiner consider necessary or desirable any formal changes anywhere in the specification, claims and/or drawing, then it is

respectfully asked that such changes be made by Examiner's Amendment, if the Examiner feels this would facilitate passage of the case to issuance. Alternatively should the Examiner feel that a personal discussion might be helpful in advancing this case to allowance, they are invited to telephone the undersigned.

Respectfully submitted,


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October 27, 2006

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I hereby certify that this correspondence is being filed electronically with the USPTO at
www.uspto.gov on October 27, 2007.



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